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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>5012.1013</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/014459</b>		INTERNATIONAL FILING DATE <b>18 December 2003</b>
U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5) To <b>10/539866</b>		PRIORITY DATE CLAIMED <b>18 December 2002</b>
TITLE OF INVENTION <b>ACTUATOR ARM FOR USE IN A SPACECRAFT</b>		
APPLICANT(S) FOR DO/EO/US <b>Charalampos KOSMAS</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Datasheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Letter re: Priority Unexecuted Declaration & PoA		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JCO6 Rec'd PCT/PTO 17 JUN 2005

PTO-1390 (Rev. 2-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. <b>11539866</b> To be assigned		INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/014459</b>		ATTORNEY'S DOCKET NO. <b>5012.1013</b>	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21.	<input checked="" type="checkbox"/>	Basic national fee .....	\$300	\$ 300	
22.	<input checked="" type="checkbox"/>	Examination fee			
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 333(1)-(4).....				\$ 200	
All other situations .....				\$200	
23.	<input checked="" type="checkbox"/>	Search fee			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....				\$ 400	
International Search Report prepared and provided to the Office.....				\$400	
All other situations .....				\$500	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>\$ 900</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
66 - 100 =	/50 =		x \$250 =	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).....				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	8 - 20 =		x \$50 =	\$	
Independent Claims	2 - 3 =		x \$200 =	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360 +	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 900</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. Fees above are reduced by 1/2.				\$ 450	
<b>SUBTOTAL =</b>				<b>\$</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 450</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 450</b>	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of <b>\$450</b> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-0552</b> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Davidson, Davidson & Kappel, LLC 485 Seventh Avenue, 14th Floor New York, NY 10018 (212)-736-1940 Dated: June 16, 2005					
				SIGNATURE	
				Thomas P. Canty	
				NAME	
				44,586	
				REGISTRATION NUMBER	

**UNITED STATES PATENT & TRADEMARK OFFICE**

Re: Application of: **Charalampos KOSMAS**  
Serial No.: To Be Assigned  
Filed: Herewith as national phase of International  
Application No. PCT/EP2003/014459, filed 18 December  
2003  
For: **ACTUATOR ARM FOR USE IN A SPACECRAFT**  
Customer No: 23280

**LETTER RE: PRIORITY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

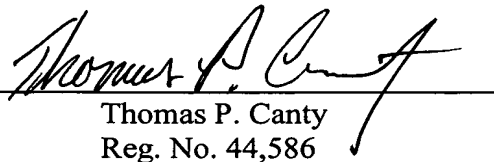
June 16, 2005

Sir:

Applicant hereby claims priority of German Application Serial No. 102 59 638.7, filed 18 December 2002, through International Application No. PCT/EP2003/014459, filed 18 December 2003.

Respectfully submitted,

DAVIDSON, DAVIDSON & KAPPEL, LLC

By   
Thomas P. Canty  
Reg. No. 44,586

Davidson, Davidson & Kappel, LLC  
485 Seventh Avenue, 14<sup>th</sup> Floor  
New York, New York 10018  
(212) 736-1940

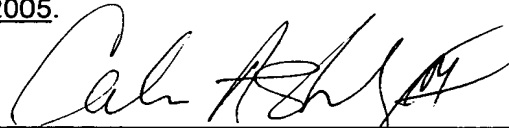
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## Certificate of Mailing By Express Mailing under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to:

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Commissioner for Patents  
P.O. Box 1450; Alexandria, VA 22313-1450

on June 17, 2005.  
Date

  
Signature

Calvin Ashby III

Typed or printed name of person signing Certificate

EV 568 474 039 US

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Note: Each paper must have its own certificate of mailing by Express Mail, or this certificate must identify each submitted paper.

Re.: Docket No.: 5012.1013  
Applicant(s): Charalampos KOSMAS  
Serial No.: To be assigned  
Invention: ACTUATOR ARM FOR USE IN A SPACECRAFT  
Filing Date: Herewith

- Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (2 pages);
- Copy of Int. Patent Application PCT/EP2003/014459 (including 10 sheets of drawings) w/ Int. Search Report (58 + 3 pages);
- Preliminary Amendment (6 pages);
- Copy of unexecuted Declaration & Power of Attorney (1 page);
- Application Data Sheet (2 pages);
- Letter re: Priority (1 page);
- Information Disclosure Statement (2 pages) w/ PTO-1449 (2 pages) and Copies of Cited References;
- Check in the amount of \$ 450.00;
- Confirmation Postcard